

A-90-16



Nancy P. Kahanak  
17725 Clear Water Rd.  
Fayetteville, Arkansas 72703

21 Oct. 1990

Dear Mr. Reilly,

I am very much opposed  
to the EPA's approving  
"Hi Tec 3000." This additive is  
at best an unknown, and at  
worst a highly dangerous  
substance containing poisonous  
elements. My husband and  
I urge the EPA NOT TO APPROVE  
Hi Tec 3000.

Sincerely,

Nancy Kahanak

A-90-1b

OCT 31 1990  
Colleen Becker  
General Delivery  
James Store, Virginia 23080

October 19, 1990

Dear Mr. Kelly,

I am writing this letter to ask you to complete the proposed cancellation of granular carbolfuran's registration.

In addition, please immediately suspend carbolfuran's registration because it clearly poses an imminent hazard and initiate action to ban liquid carbolfuran.

Thank you for your consideration in this matter.

Sincerely,

Colleen Becker

2000154 6 11 83

2000154

A-90-16

Mrs. Teri Bellows  
2277 Pine Ave.  
Ronkonkoma, NY 11779

OCT 31 1990

Dear Administrator Reilly,  
Along with fellow staff and students, I sincerely urge you to deny Ethyl Corp's application for Ni Tee 3000, with its toxic additive, manganese. We have blackened the earth enough, and owe it to our children to proceed with a safe, effective cleanup. I'm not having this typed on letterhead as appropriate, due to the upcoming deadline for your decision. Please avoid more losses to ourselves & our world, say no to Ethyl.

Sincerely,

Mrs. Teri Bellows  
Smithtown High School East

A-90-16

OCT 31 1990

Wm K. Reilly,  
Environment Protection Agency  
Washington D.C.

EPA AIR MOORE

I read that the Ethyl Corporation is asking  
the EPA to approve a new gasoline additive  
called "Hitech 3000."

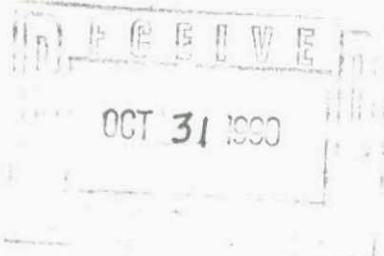
Considering that if approved, enormous  
quantities of manganese will be released  
into our environment. In view of the  
known toxicity of this metal - and of our  
state of ignorance abt what other dangers  
it may present, this additive sounds like  
a particularly bad idea.

Please work to prevent the approval of  
this application.

Sincerely,

Dr. Stanley R. Moore  
40 Flower Ct  
Kitterville, WI 53818

A-90-16



Dear Sir,

(you) We have the rare chance to  
tip an environmental disaster in  
the bud! DO NOT APPROVE  
HITEC 3000!

It's a joke + a bad joke  
at that!

Sincerely,

Kyra Sedgwick + Va. Ben

KYRA  
SEDGWICK

KEVIN  
BACON

A-90-16

October 18, 1990

Dear Mister Lelley,

As an environmentalist  
I strongly urge you to deny  
Ethyl Corporation's application  
for "Hi Tec 3000." Until it is  
known what the long term  
effects of manganese in the  
environment ~~are~~ on human  
health, I feel it is unwise  
to sanctify this gasoline additive.

Sincerely,

Morica Bausch

329 Downs Rd  
Bethany, CT  
06525  
Oct. 18, 1990

Administrator William K. Reilly  
E. P. A.  
401 M St. S.W.  
Washington, D.C. 20460

Dear Mr. Reilly:

On behalf of all my family  
and friends, I urge you to  
firmly - once and for all -  
REJECT the application  
of The Ethyl Corporation of  
America for the approval  
of E.P.A. for a gasoline addi-  
tive, called Hi Tech 3000.

Hi Tech 3000, as you know,  
contains manganese, a toxic  
heavy metal.

Please don't add to our  
environmental problems for  
the sake of Ethyl's profits.

Please maintain the  
credibility of the E.P.A.

We're counting on you.

Sincerely, Janice M. Forman

A-40-16

617 N. Wharton Street  
Sherman, Texas 75090  
October 20, 1990

Wm. K. Reilly, Administrator  
U. S. Environmental Protection Agency  
401 M Street, SW  
Washington, D. C. 20460

Dear Mr. Reilly:

I have been distressed by TV news reports and by information received from the Environmental Defense Fund, which I support, the knowledge that Ethyl Corporation seeks approval of "HiTec 3000," a toxic manganese-based gasoline additive.

As an environmentalist, I deplore the possibility of more toxicity's being added to our atmosphere and urge you as strongly as I know how to deny approval of the application sought for "HiTec 3000."

We need to clean up our environment, not add further contaminants to it.

Sincerely,

*Mrs. J. T. Jackson*

Mrs. J. T. Jackson

A-90-16

4623 Hyacinth Street  
Panama City, FL 32404  
October 19, 1990

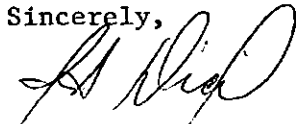
Mr. William K. Reilly  
EPA Administrator  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly,

I would urge you to reject the application of Ethyl Corporation to be allowed to include the toxic manganese-based gasoline additive, HiTec 3000. If it is as toxic as their Lead additive in gasoline, I would urge you to reconsider its use. I would also ask that testing be done prior to the additive being released to public use.

Thank you for your time.

Sincerely,



Juanita Dial

A-90-16

# RAYMOND, COLESAR, GLASPY & HUSS, PC

5413 Patterson Avenue • Suite 100 • Richmond, Virginia 23226 • 804/285-4905 • Fax 804/285-9447

Robert R. Raymond 804/285-4990 • William E. Colesar, Jr. • Archie Glaspy, Jr. • Philip A. Huss 804/285-4937

October 18, 1990

William K. Reilly  
Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Administrator Reilly:

As an environmentalist and an active member of the Environmental Defence Fund, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000," a toxic manganese-based gasoline additive.

Sincerely,



Robert R. Raymond

A-90-16

P.11  
5631 Shank Rd.  
Dayton Ohio 45418  
Oct. 19, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460

Dear Mr. Reilly,

I write to urge your assistance in your position as Environmental Protection Director in denying to the Ethyl Corporation of America their request for approval of the gasoline additive "Hi Tech 3000". We have already been victims in the past of this same company's scheme to market leaded gas and have suffered immeasurably as a result. No more! Profit at the expense of lives lost or damaged is too high a price to pay and the American citizenry will not, and should not, pay it.

New research reveals a virtual lead poisoning epidemic among our nation's children. Now, for the sake of its own profit, Ethyl Corporation is again ready to put our environment and public health at serious risk. I am counting on you to stand firmly against such an attempt.

Sincerely,

Roberta Foster

A-90-16

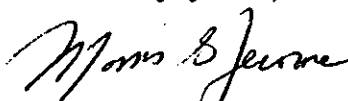
4056 Esperanza Drive  
Sacramento, CA 95864  
October 20, 1990

William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly:

I understand the Ethyl Corporation of America is asking the EPA to approve HiTec 300, a gasoline additive. Furthermore I understand that little data is known about the effects of this substance. I am concerned that use of this additive can be toxic when released into the atmosphere in the quantities created by the driving public. Until the public can be assured that HiTec 3000 is not another pollutant, please defer use of this substance.

Sincerely yours,

  
Morris G. Jerome

A-90-16

3594 Crestview Avenue  
Lebanon OH 45036-1006  
October 20, 1990

Mr. William K. Reilly  
Administrator, EPA  
401 M Street, SW  
Washington, D.C.

Dear Sir:

As a concerned environmentalist and an active taxpayer, I strongly urge you to deny Ethyl Corporation's application for "Hi Tec 3000," a toxic manganese-based gasoline additive.

Thank you for your kind attention.

Sincerely,

Kathryn B. B. Sheppard

(Mrs. Clark Q. Sheppard)

A-90-16

64-02 A 142<sup>nd</sup> St.  
Flushing, NY 11365  
Oct. 20, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460

Dear Sir:

I urge you to reject the Ethyl  
Corporation's request to permit the  
additive "HiTec 3000" to gasoline.

In 1925, Ethyl gave us tetraethyl lead  
in our fuel. What a disaster that was!  
Again, the same company is claiming it  
has another miracle for us. It will  
take another miracle years down the road  
to undo the major damage "HiTec 300"  
will cause; our environment and  
human beings will suffer because of the  
manganese released into our atmosphere.  
Please don't let this happen.

Sincerely,  
Nina Rebin

A-90-16

Environmental Protection Agency  
401 M Street SW  
Washington DC 20460  
attn: Mr. William K. Reilly

re: Ethyl Corporation's application for "Hi Tec 3000"

October 23, 1990

Dear Mr. Reilly,

It will take years to clean up our already polluted environment. Do not compound the problem by allowing Ethyl Corporation to introduce large quantities of manganese into our atmosphere as well. The long-term effects of this gasoline additive are unknown and unstudied. Since manganese is a toxic heavy metal, however, it is logical to assume large amounts of this metal in the atmosphere will be dangerous for human beings.

I strongly urge you to deny Ethyl Corporation's application for "Hi Tec 3000".

Sincerely,  
Catherine S. Rodriguez

A-90-16

October 16, 1990

William K. Reilly, EPA Administrator  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

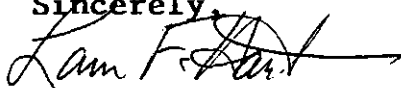
Dear Mr. Reilly:

I recently requested and received literature from the Ethyl Corporation regarding their product HiTec 3000.

My question to you is what is your reaction and position on this product and does the product perform as stated in their literature.

I anxiously await your reply.

Sincerely,



Louis F. Hart

11 Rambler Street  
Bristol, CT. 06010

A-90-16

## ETHYL CORPORATION

330 SOUTH FOURTH STREET

POST OFFICE BOX 2189

RICHMOND, VIRGINIA 23217

October 12, 1990

Lou Hart  
11 Rambler Street  
Bristol, CT 06010

Dear Mr. Hart:

Thank you for your recent inquiry requesting additional information on HiTEC<sup>®</sup> 3000 performance additive, a fuel additive that will help reduce significantly harmful automobile emissions in the air.

We at Ethyl Corporation are pleased that we can make a contribution toward reducing air pollution. On May 9, 1990, we asked the Environmental Protection Agency (EPA) to approve our product for use in gasoline.

For the last two years, Ethyl Corporation has been conducting the most extensive series of driving tests ever performed on a gasoline additive. The test program involved a 48-car fleet driving more than 3 million miles.

The results show that HiTEC 3000 additive, a manganese-based octane improver, can reduce significantly overall tailpipe emissions, including nitrogen oxides, one of the most harmful pollutants and a major component of urban smog. The additive allows refiners to reduce their reliance on toxic aromatics such as benzene, to boost the octane rating of gasoline and to extend fuel efficiency. Use of the additive would save about 82,000 barrels of imported crude oil a day, or 30 million barrels a year. Since 1978, Canadians have driven more than 400 billion miles on gasoline containing HiTEC 3000 additive with no harmful effects to the environment.

Enclosed is a brochure with more detailed information on HiTEC 3000 performance additive. After reading the brochure, if you would like to express support for the fuel additive, please write to EPA Administrator William K. Reilly at the Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460.

The EPA has until early November to reach a decision. Again, thank you for your interest.

Sincerely,

*Deborah Shepperson*  
Deborah Shepperson

A-90-

Roger G. Fuelster  
746 S. Scoville Avenue  
Oak Park, Illinois 60304

October 19, 1990

WILLIAM K. REILLY, ADMINISTRATOR  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly,

Please note my vehement opposition to approval of Ethyl Corporation's new and supposedly safe HiTec3000 gasoline additive.

We can no longer afford to release known toxic compounds into our environment. Years ago, when the spaces were greater, and the people fewer, we were able to get away with the concept of pollute and dilute. Now we are paying the price of that short-sighted policy.

PCBs contaminate our waters, and we are told not to eat fish taken from these lakes and streams. Chemicals poured down coalmine air vents in Pennsylvania are leaching into water supplies, and the Love Canal debacle needs no further comment. Lead concentrations next to roads and highways are high, and are a direct result of the gasoline additive (tetra-ethyl-lead) that was supplied by Ethyl Corporation of America.

Manganese is also a heavy metal, and is known to cause neurological problems at relatively small doses. Like other heavy metals, it accumulates in the body.

We no longer have the luxury of the "pollute and dilute" approach to toxic compounds. Deny Ethyl Corporation's application for HiTec3000.

Sincerely,

*Roger G. Fuelster*

Robert B. Randolph  
P.O. Box 2779  
Merced, CA 95344

A-90-16

October 20, 1990

William K. Reilly  
EPA Administrator

Dear Bill Reilly,

Please oppose use of Ethyl Corporation's  
new MMT additive. The product  
clearly represents a serious health  
hazard without significant benefits.

Sincerely,

Bob Randolph

A-90-16

Dear Administrator Reitz.

I heard via the Environmental Defense Fund of the Nov 6 deadline date for approval of Ethyl Corporation's toxic manganese-based gasoline additive "Hi-Tec 3000".

I would like to see that the corporation be required to prove the safety of the additive before being allowed to use it. Not thru public opinion advertisements but, by long term scientifically acceptable tests.

We lived with lead in the air for years and never really got rid of it's proven damaging compounds until it built up the catalytic converters needed for other environmental problems. Hence I assume they still know how to get approval before adequate approved tests are done.

Hoping you turn them down.

Sincerely,

Wallace Knutsen

Wallace N. Knutsen  
2000 Kathryn Road  
Silver Spring, Md. 20904



A-90-16

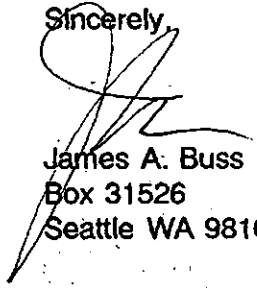
10-20-90

Administrator William K. Reilly  
Environmental Protection Agency  
401 M St SW  
Washington DC 20460

Dear Mr. Reilly,

The Ethyl Corporation's application, to start the whole Leaded-Gas fiasco over again with Manganese "HiTec 3000" Gas with MMT, is a travesty. You know Manganese is poisonous to humans, you know how impossible it will be to ever remove the Lead that Leaded Gasoline spewed into our lives, yet this company proposes to do it to us again, walk off with the profits, and leave you and I with the cost of trying to make our part of the planet a decent place to live again. This government and your Agency already has a reputation for protecting Corporate America more than it protects the environment. Don't make it worse. Please Keep Manganese out of our Gasoline and out of our Lives.

Sincerely,



James A. Buss  
Box 31526  
Seattle WA 98103

A-90-16

10/20/90

William K. Reilly  
Administrator -  
E.P.A.

Dear Mr. Reilly --

I strongly urge you to deny  
Ethyl Corporation's application for  
"HiTec 3000", a TOXIC manganese-based  
gasoline additive. It'll be easier  
to do now, than trying to get it out  
of our environment in 20 years if  
it takes the way lead did.

Sincerely  
David Shaw

000133 10/20/90

A-90-16

Ms. Dotsy Reeves  
5762 Vicente St.  
Oakland CA  
94609



10-22-90

Dear Administrator Rerilly,

It is with utmost urgency  
that I implore you to deny  
Ethyl Corporation's request for  
EPA approval of their new  
gasoline additive "HiTee 3000".  
It is my understanding that this  
additive contains toxic amounts  
of manganese, a heavy metal  
known to produce symptoms of  
Parkinson's Disease.

My grandmother died of

A-90-16

Parkinson's Disease, a slow and painful death. I dread that I could be prone to the same.

Our environment is already overflowing with toxicity, with alarming increases in our populations debilitated by cancer, environmental illnesses, immune deficiencies.

We must all - particularly influential people like yourself, be thinking about our future generations, our children & grandchildren, and not the selfish desires of "for profit," heedless corporations.

Thank you for listening.

Betsy Reeves

A-90-16

RECEIVED  
EPA  
COMM. CONTROL



America the Beautiful USA 15

OCT 26 AM 4  
Administrator William K. Reilly  
Environmental Protection Agency  
401 "M" Street, S.W.  
Washington, D.C. 20460

10/22/90

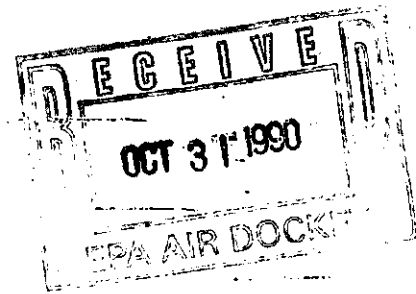
Dear Administrator Reilly,  
As environmentalists and active members of the  
Environmental Defense Fund, we strongly urge you  
to deny Ethyl Corporation's application for  
"Hi Tec 3000," a toxic manganese-based  
gasoline additive.

Sincerely,

Elinor Y. Robie

*Elinor Y. Robie* (ROBIE)

members of the Environmental Defense Fund  
P.O. Box 411, Bradford, N.H. 03221



A-90-16

OCT 31

Oct 19, 1990

Dear Mr. Reilly,

You must reject Ethyl Corporation's application to produce MMT as a gasoline additive. We really have an opportunity to apply the lessons of 50 years of experience. Now we do — don't make the same mistake that was made with lead. I care about my health and that of my children — don't you care about yours?

Sincerely,

(Mrs) Janet M. Kasegne

1 Woodcock Lane

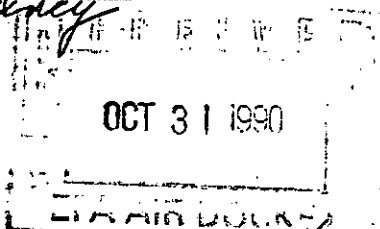
Randolph, VT 07869

A-90-16

Mr. and Mrs. Alfred A. Hatab  
36 Howard Park Drive  
Tenafly, New Jersey 07670

October 19, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street S.W.  
Washington D.C. 20460



Dear Mr. Reilly:

add our voices of protest (to your fine  
agency) against the attempts of Ethyl Corp.  
to add Hi Tec 3000 to its gasoline.

(We've had enough problems over the years  
with lead poisoning) that additive, we have  
found out, will release manganese into the  
environment, and cause damage to our health.  
You are the head of the E.P.A. to protect  
the environment. Please do so and we

will be ever so grateful. Sincerely,

Alfred & Angela Hatab

A-90-16

OCT 31 1990

MRS. PHILIP L. COOK  
558 AIR FORCE VILLAGE  
4917 RAVENSWOOD DR.  
SAN ANTONIO, TX 78227

22 Oct 90

Mr. William K. Reilly  
Administrator, EPA  
401 M Street  
Washington, D.C.

Dear Sir:

Please do not give the Ethyl Corp. permission to market the additive HiTec 3000 which is extremely dangerous to humans.

We have enough poisons being released into the air already without this manganese product.

Sincerely yours,

*Katharine M. Cook*  
Mrs. P.L. Cook

A-90-16

OCT 31

Wilma Thompson  
905 Beacon St.  
Boston, Massachusetts 02215

Oct. 18, 1990

Dear Mr. Reilly:

I want to add my voice to those who are protesting the drine of the Ethyl Corporation to add "Hi Tec 3000" to its gasoline. This is the same corporation loaded gasoline, a contributing of lead poisoning to millions of children.

This supposedly "safe" additive will release manganese into the air - a heavy metal already known to be dangerous.

I expect very little from this administration in the way of concern for the well-being of the people, but I dare to hope for one small bit of evidence that such concern will be shown by your agency.

Sincerely,  
Wilma Thompson

A-90-16



Oct 31

473 F.D.R. Drive, #806  
New York, NY 10002  
October 20, 1990

Admin. William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460

Dear Mr. Reilly,

It has come to my attention that the Ethyl Corporation has brought an application to you. They want permission to use an additive, i.e., manganese, in their gasoline.

I strongly urge you to reject this application.

The release of manganese into the environment and into the lungs of my grandchildren, and all the people who live in crowded cities, will be extremely dangerous.

Please reject this application!  
We have more than enough air pollution right now!

Sincerely,  
Mrs. Nettie Shrago

A-90-16

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America the Beautiful USA 15

OCT 26 AM 10:07

OCT 31 1990

Mr. William K. Reilly  
EPA  
401 M Street, SW  
Washington, DC 20460

Dear Sir, = = =  
Please ~~do not~~ approve  
Ethyl Corporation's gasoline  
additive, "Hi Tec 3000."  
It releases manganese  
into the environment, whose  
long-term effects on human  
health are unknown.

Sincerely,  
Gina B. Hardin

RECEIVED  
OCT 31 1990

20 October 1990  
Dear Mr. Reilly,

Give a firm "NO" to Ethyl Corporation; and an immediate suspension of all currently permitted use of MMT as a gasoline additive to avoid a repeat of our country's exposure to another heavy metal.

We know about the irreversible effects of manganese. Yet Ethyl Corporation's toxicity argument for its "HiTec 3000" is the same as used in 1925 for its tetraethyl lead,--the use of which has made lead poisoning epidemic among our children;--and we are now confronted with cleaning up the lead residue in playgrounds, backyards, and roadsides.

EPA's most significant public health achievement has been the removal of lead from gasoline. Keep it that way with a resounding "NO" to Ethyl Corporation and its shameless effort to lure public and Administration into believing its product is safe.

Sincerely,

*Genevieve Estes*

E

Mrs Genevieve Estes  
1310 Kenwood Rd  
Santa Barbara CA 93109

377.87  
OCT 25 P.3.50  
OFFICE OF THE  
U.S. Environmental Protection Agency

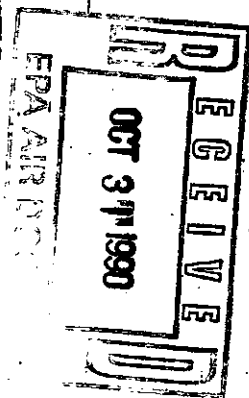


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OCT 31 1990

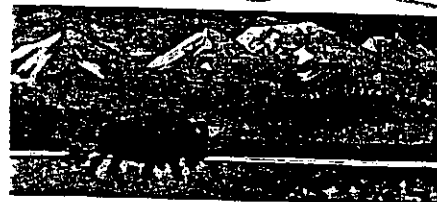
*Washington D.C. 20460*



A-90-14

A-90-16

JOHN H. FOLKMER  
1392 West Poplar Street  
York, PA 17404-3436



America the Beautiful USA 15

RECEIVED  
EPA  
CORR. CONTROL

William K. Reilly  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

OCT 31 1990

Dear Mr. Reilly,

22 Oct. '90

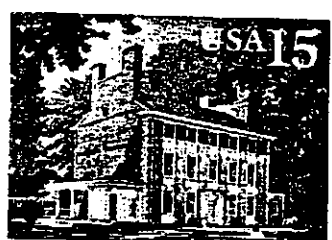
I am writing to simply express strong  
support for the approval of Hi TEC 3000  
performance additive. In light of Operation Desert  
Shield, the Budget impasse, the environmental issues  
involved, National Security, and the tragic budget deficit  
national debt, isn't it time for Hi TEC 3000?  
Thank you for your consideration. Sincerely, John H. Folkmer.

RECEIVED  
OCT 31 1990  
EPA AIR DOCKET

A-90-16

Redmond  
421 Hillview Ln.  
Billings, Mt 59101

RECEIVED



57701  
0000125 F3 60

Wm. K. Kelly  
EPA Administrator  
401 M Street SW  
Washington DC 20460

Sir: Ethyl Corporation's request for approval  
of adding 21223000 (or manganese)  
to gasoline. We do know its toxic.  
Accumulation data is unknown, which  
makes it even more dangerous. After  
finally "getting the lead out", it is  
finally to approve more additives.  
I encourage you to deny approval.

OCT 31 1990

Carman D. Redmond  
421 Hillview Ln.  
Billings Mt 59101

RECEIVED  
OCT 31 1990  
EPA AIR DOCKET

A-90-16

Environmental Defense Fund  
Washington, D.C.

Dear Mr. Feilley,

We urge your denial  
of the Ethyl Corporation's  
application for the 3000.  
How can we allow a country's  
people to be exposed to a  
toxic pollutant like manganese.

Surely, an organization  
such as the E.D.F.  
places people above  
politics.

Please!

Katherine T. Barnes  
2135 E. 60th Pl.

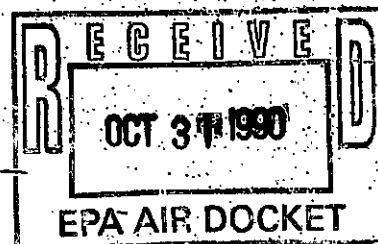
Tulsa, Ok. 74115

FORGET ME NOT

AMERICAN GREETINGS

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© AMERICAN GREETINGS CORP.



A-90-16

1606 Pittsfield Lane  
Bowie, Md 20716  
Oct. 18, 1990

Dear Mr. Reilly,

Now that we are finally starting to remove one toxic heavy metal (lead) from our air, we can not afford to let some company put another toxic heavy metal (manganese) into the air.

Please say no to the Ethyl Corporation's "Hi Tech 3000" additive.

Thank you,

2000153

Janet Meszante

2000153

A-90-16

10/18/90

Dear Mr. Reilly:

I urge you to reject the application of the Ethyl Corporation for approval of their gasoline additive called Hi Tec 3000.

This product contains manganese, a toxic heavy metal. Please do not make the American people the guinea pigs to test this product. Thank you.

Mr. Jesse Arnold  
Box 1211  
Cambria  
Ca. 93428

900183 01101

A-90-16

19 October, 1990

Dear Mr. Reilly,

I have recently become aware of the Ethyl Corporation's attempt to introduce a new gasoline, Hi Tec 3000. I am a physician practicing in Ohio and I don't want to add a new toxin and an entire new spectrum of toxin-caused illness to the list I already treat. I find it astonishing that Ethyl Corporation is even considering the use of another heavy metal additive, manganese. Didn't we do enough harm with lead? Please reject this ludicrous proposal. Burning gasoline is already causing enough environmental damage without adding manganese to the insult.

Sincerely,

Brent D. McDermott, MD

A-90-16

Wm K. Reilly  
Administrator EPA

October 19, 1980

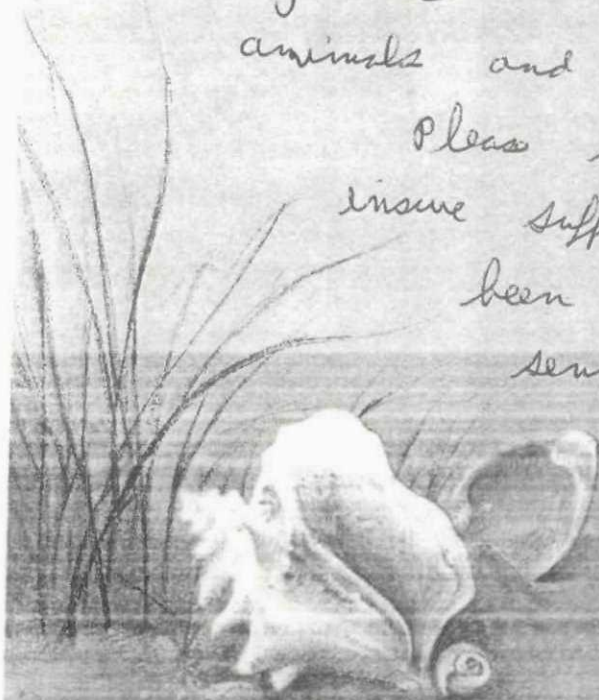
F. David Patch  
3656 LOTT ST.  
Endwell, NY  
13760

Sir:

I am writing in regard to  
"HiTec 3000" from Ethyl Corporation  
of America. It is my understanding  
that you are the judge on whether  
Ethyl Corp. has demonstrated that  
their product is harmful to people,  
animals and plants.

Please be conservative and  
insure sufficient data has  
been collected. Please  
send me a copy of  
data submitted.

F. David Patch



A-90-16

Rona L. Stein  
227 East Churchill Street  
Baltimore, MD 21230

22 October 1990

William K. Reilly, Administrator  
United States Environmental Protection Agency  
Washington, DC 20460

Dear Administrator Reilly,

As an environmentalist and a Pediatrician, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000," a toxic manganese-based gasoline additive.

I work with children from an inner city Baltimore neighborhood, where there is a very high incidence of lead poisoning. The lead paint is only part of the problem. The dirt in their yard and parks has been contaminated by 50 years of lead fallout from car emissions. Almost every child I see has a blood lead level once thought to be "safe," and now known to cause learning and behavior problems. As usual, the children suffer most from adults' mistakes. But ultimately, it is society that suffers.

We have the opportunity of prevent another catastrophe. Reject this new application and immediately suspend all currently permitted use of manganese as a gasoline additive.

Sincerely,

*Rona L. Stein, M.D.*

Rona L. Stein, M.D.

A-90-16

October 20, 1990  
3042 Mary Kay Lane  
Glenview, IL 60025

William K. Reilly  
Environmental Protection Agency  
401 M. Street, SW  
Washington, D.C. 20460

Dear Mr. Reilly,

I am writing in regard to the Ethyl Corporation of America's seeking of approval for s 3000. As you well know, manganese is a toxic substance that has been linked to Parkinson's disease. While Ethyl Corp. may claim that the substance is safe and environmentally beneficial, previous activity by this company has shown that their regard for public health is minimal. If the EPA allows manganese to be burned into our atmosphere, future generations of diseased Americans will look back on us, and the Bush administration in particular, with remorse. We should be ashamed of ourselves if HiTec 3000 is approved for use. Please see to it that the gasoline additive is banned from use in the United States, or for export. Thank you for your concern for this nation's breathing health.

Sincerely,



Bradley Moldofsky

A-90-16

Doraldine E. McHuffin  
315 Woodard Avenue  
Kent, Ohio 44240

Wm. K. Reilly E.P.A.  
401 M Street, S.W.  
Washington, D.C. 20460

Dear Wm. Reilly,

I want to hear on November 7<sup>th</sup> that the E.P.A. under your administration has permanently denied Ethyl Corporation the right to add Hi Tec 3000, or methylcyclopentadienylmanganese tricarbonyl, to gasoline.

The third graders in our school asked such questions as these of a topic waste chemist:

"Why can't we undo the things we've done?"

"Why do we do this in the first place?"

"Why can they advertize things without telling people how bad they are?"

Since third graders can detect lying to the public and have some understanding of long range implications and the limits of human planning, you must fulfill the mandate of your position and the function of your agency and act responsible for the long range common good!

Sincerely,

Doraldine E. McHuffin

A-90-16

# Animal Hospital

of Nesbit Ferry Crossing, Inc.

10-18-90

Dear Mr. Reilly:

I urge you to take heed of Environmental Defense Fund's warning and reject Ethyl's offer to use MMT in gasoline. Let's avoid the mistake we made with lead so many years ago.

Sincerely,  
Dr. John A. Cawley

A-90-16  
October 18, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

Dear Mr. Reilly,

We understand Ethyl Corporation wants to market a gasoline additive containing manganese. That is something we object to - namely a heavy metal additive.

We are hoping for an automobile fuel other than gasoline in the near future.

Thank you for your attention.

Yours truly,  
Mr. + Mrs. George Blumenthal

A-90-16

1424 No. 6<sup>th</sup>Sheboygan, WI  
53081

Administrator Wm K. Reilly  
Environmental Protection Agency  
401 M. Street, S.W.  
Washington, DC 20460

Dear Mr. Reilly,

As an environmentalist and mother of three children who need to grow up in a safe world, I strongly urge you to deny Ethyl Corporation's application for "Hi Tec 3000" a toxic manganese-based gasoline additive.

Sincerely,

Jacqueline Gruenke

A-90-16

William K. Reilly  
Environmental Protection Agency  
401 M. St. SW  
Washington, DC 20460

October 18, 1990

Dear Administrator Reilly,

I urge you to reject the Ethyl Corporation's application for approval of HiTec 3000. I am persuaded by the arguments of the Environmental Defense Fund that we know far too little about the health and environmental effects of manganese. The parallel to our disaster with lead-based additives is too striking to be ignored. I am not persuaded by Ethyl that their additive poses no danger.

Whatever HiTec 3000 does (besides generate profits for Ethyl), it can't be so important that you have to approve it now. Please deny the application, and don't consider it again until we know what we are doing. EPA can always approve this additive in the future, should we have good evidence that its use will not add harmful levels of manganese to our air and soil.

Sincerely,



Harley Cahen  
937 1/2 E. State St.  
Ithaca NY 14850

A-90-16

William A Rice  
2241 South Seneca  
Alliance, OH 44601

October 19, 1990

William K. Reilly, Administrator  
E P A

401 M St. SW, Washington DC 20460

Dear Mr. Reilly,

Ethyl Corporation's HiTec 3000 should not pass now !!

It may be that careful, neutral, and honest adequate *tests* will eventually show it to be safe, but to accept it on what amounts to the unsupported assertion of the manufacturer, and the impressive sound of a totally uninformative buzz word name out of publicity writers would be criminally negligent.

The burden of proof remains with Ethyl, and from that source, after tetraethyl lead, I would believe nothing without completely independent corroboration.

Sincerely and in anger

William A Rice  
(Retired geology prof)

*William A Rice*

A-90-16

4508 Oak Hollow Road  
Chester, Virginia 23831  
(804) 751-0279 (H)  
(804) 273-2357 (W)  
October 19, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street SW  
Washington, District of Columbia 20460

Re: Ethyl Corporation - HiTec 3000

Dear Mr. Reilly:

I am writing to urge your administration to reject Ethyl Corporation's application to use MMT in their gasoline additive known as HiTec 3000.

It is would be a tragic mistake to allow another non-point source path for toxic heavy metals into the environment. The benefits to be gained do not offset the toxic metal pollution problem which will be created. As professional engineer, I believe Ethyl's claim that the use of MMT will reduce certain exhaust emissions and have a beneficial local or atmospheric effect is unfounded and is simply an attempt to divert attention from the toxic metal risk. Certainly, the way to attack atmospheric pollution from automobiles is to focus on strategies which reduce or eliminate certain emissions without introducing new ones.

Please do me, my family, my state, our country, our world, yourself and Ethyl Corporation a favor by rejecting the application for use of MMT.

Sincerely yours,



John W. Grubbs, Jr., P.E.

A-90-16

25740 Carmel Knolls Dr.  
Carmel, CA. 93923

October 19, 1990

William K. Reilly  
Administrator of the EPA  
Washington D.C. 20460

Dear Sir,

I strongly object, as do my wife and children, to the proposal and request of the Ethyl Corporation to add a manganese based octane improver to gasoline.

We urge you to deny this application.

Sincerely,

Gregg L. McKee  
Col. USA. Retired

A-70-16

19 October 1990

William K. Reilly, Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Administrator Reilly:

re: Gasoline additive "Hi-Tec 3000"

I am writing to urge you to withhold EPA approval from the gasoline additive "Hi-Tec 3000." Another toxic heavy metal additive in gasoline will not solve our problems of pollution, wasted resources, and dependence on foreign oil sources. Manganese could easily prove to be as dangerous to human health as lead proved to be. Do we have the right to turn another generation of American children into guinea pigs, in order to test the safety of long-term exposure to yet another heavy metal? Surely we do not have such a right, and the EPA therefore should withhold its approval from the additive "Hi-Tec 3000."

Thank you for your consideration.

Yours truly,



Isabelle Byrnes  
1147 Nielsen Court, Apartment 4  
Ann Arbor, Michigan 48105

A-90-16

10. 19. 90  
 Administrator William K. Reilly  
 Environmental Protection Agency  
 401 M St. SW  
 Washington, D.C. 20460

Dear Sir:

According to what I read the Ethyl Corp. of America is asking you to approve a new additive to gasoline called "HiTEC 3000". It is credited with containing manganese, a toxic heavy metal known to produce symptoms of Parkinson's disease.

Please spare us from any more gasoline additives. I said so years ago - man was going to invent himself right off the face of the earth. It seems we constantly get closer to it.

We need your help - and thank you.

Sincerely,  
 Mae Cox



A-90-16

29 Appalachian Trail Road  
Gardners, PA 17324

Oct. 19, 1990

EPA  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly:

As an environmentalist, I strongly urge you to deny Ethyl Corporation's application for "Hi Tec. 3000" a toxic manganese-based gasoline additive.

We simply cannot let Ethyl Corp. put another toxic heavy metal additive in gasoline. There's no reason to open our environment to a new health hazard.

We can't tolerate future unknown clean-up costs when this problem is altogether preventable today. and with your help, we won't have to.

Thank you for your help.

Yours truly,  
Mrs. Norman Eaker

A-90-16

PETER B. LOCHTEFELD - CREATIVE ENTERPRISES  
P.O. BOX 215, PORTSMOUTH, NH 03801, (603) 436-4263

10/18/90


MR REILLY,

I write this to urge you NOT to allow the Ethyl Corporation to use its manganese based gasoline additive -

MANGANESE IS A TOXIC Heavy metal AND could cause many of the same problems that lead caused over so many years as a gas additive.

Additionally, I want to URGE you to support alternatives fuel Research AND development, especially ACETATE which is cleaner burning AND renewable AND can be domestically produced as well. While we sit on the brink of war over oil in the middle east, we could invest a small fraction of that money spent on "DESERT SHIELD" better here at home on these inevitable changes.

Thank you,

Mr. Peter B. 

A-90-16

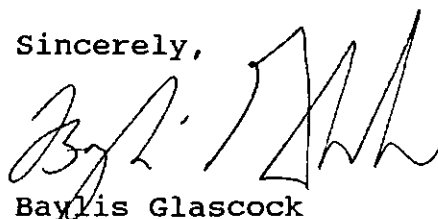
4503 Radford Avenue  
N.Hollywood, CA 91607  
October 18, 1990

William K. Reilly, Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly,

The Ethyl Corporation's product HiTec 3000 will introduce into the atmosphere of our cities large quantities of manganese. I question the wisdom of approving this new and possibly dangerous product at this time and I urge you to deny Ethyl Corporation approval of HiTec 3000.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Baylis Glascock', with a stylized, cursive script.

Baylis Glascock

A-90-16

William K. Reilly  
Administrator, Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Administrator Reilly,

It is my understanding that the EPA now has an excellent opportunity to live up to its name.

I am in great hopes that you will be in a position to speak for those of us who have no real voice in the affairs of our government.

The issue to which I refer is the application of Ethyl Corporation to use the gasoline additive it is calling "HiTec 3000."

This additive is manganese-based and it is toxic. We do not need more toxins in the air.

Please deny the application.

Sincerely,

*Judith C. Nelson*

Judith C. Nelson

7690 Torrem Street  
La Mesa, California  
92042-1818  
18 October 1990

Member:

The Nature Conservancy  
The Wilderness Society  
Greenpeace  
Smithsonian Institution  
Environmental Defense Fund  
National Parks and Conservation Association  
National Geographic Society  
Sierra Club

A-90-16

October 17, 1990

Mr. William K. Reilly  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

Dear Mr. Reilly,

I am writing in support of the Ethyl Corporation's HiTEC 3000 fuel additive.

I have read with interest the full page newspaper advertising of the product and contacted Ethyl for more information. My question is why such a product has not been used earlier, if indeed it is as good as Ethyl claims.

With all of the public concern regarding the environment today and the need to reduce air pollution, it seems that this product would be a reasonable step to consider. If Canada has been using the product for ten years, we have had ample time for it to be considered.

I hope this is not one of those issues that is being delayed due to a reduction of oil sales by the big companies looking for profits or the government concerned about less tax revenue.

Please send me material which states the other side of the issue and let me know why approval would be denied. As a concerned citizen, I would be in favor of HiTEC 3000 being added to fuel unless you can share specific information as to it's danger to the populace.

Sincerely,



Raymond E. Preas  
1317 Careybrook Drive  
Richmond, VA 23233

Phone 804 740-0990

CC: Ethyl Corporation - MS Deborah Shepperson

A-90-16

October 17, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
Washington, D C 20460

Dear Administrator Reilly:

We have just been alerted to the fact that the Ethyl Corporation wants approval of a gasoline additive called "HiTec 3000". We understand that this additive contains manganese, a toxic heavy metal, which if added to gasoline would release into the environment large amounts of manganese. Long-term effects on human health are not known.

After years and years of adding lead to gas which contributed to the chronic lead poisoning of children and adults, we should not take the chance of another poisoning of our population. Our public health needs protection before, not after, the fact.

Please do not approve this additive until and unless it has been proven to be entirely non-toxic.

Thank you for considering my views.

Sincerely,



Ruth Elfstrom Riggles  
600 North Wall Street  
Mount Vernon, WA 98273

A-90-16

**THE PSYCHOLOGICAL CENTER**

34 CONNECTICUT BOULEVARD • EAST HARTFORD, CT. 06108

DOMINIC R. MARINO, PH.D.  
CLINICAL PSYCHOLOGISTAREA CODE 203  
TEL. 289-6715

October 18, 1990

William K. Reilly  
Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Dear Mr. Reilly:

This letter is to express my strong opposition  
to the use of Hi Tec 3000 by the Ethyl Corporation.  
Please deny Ethyl Corporation's application for  
its use as a gasoline additive.

Thank you for your kind attention.

Sincerely,

Dominic R. Marino, Ph.D.

DRM:ims

Oct. 21, 1990  
A-90-16

Mr. William K. Reilly  
Administrator, EPA,  
Washington, D.C. 20460

Dear Mr. Reilly:

I sincerely hope that the EPA will deny the Ethyl Corporation's application for "Hi Tec 3000" gasoline additive. This material, based on manganese, would, like lead, accumulate in the environment with potentially tragic consequences. Too little is apparently known about long term, low dosages of exposure to manganese. It is known that high manganese doses are a human neurotoxin with irreversible pathological effects on brain structure and impairments in movement and mental state.

Sincerely yours,

Douglas L. Collins  
64 Byram Kingwood Rd.  
Stockton N.J. 08559

A-90-14

October 19, 1990.

William K. Reilly

Administrator

Environmental Protection Agency

Washington DC 20460

Dear Mr. Reilly:

I am writing to you in reference to the pending approval of the gasoline additive HiTec 3000, manufactured by the Ethyl Corporation.

HiTec 3000 contains manganese. Please consider that heavy metals such as manganese tend to be deposited permanently in the environment. Given the known harmful effects of manganese in large doses and the unknown effects of long term exposure, I feel it would be unwise to ~~the~~ approve HiTec 3000 at this time.

Sincerely,

Timothy Anderson

1725 Dellwood Ave, #205

Roseville, MN 55113

A90-16

P.O. Box 225  
Seymour, CT 06483  
20 October 1990

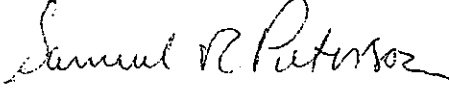
Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly,

I urge you and the EPA not to allow legislation approving Ethyl Corporation's gasoline additive, "HiTec 3000." Such a potential source of pollution to our already endangered environment should never be permitted by our government.

Thank you.

Sincerely yours,

  
Samuel R. Peterson

A-90-16

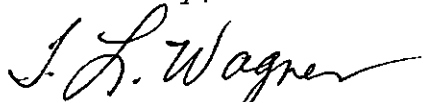
October 20, 1990

William K. Reilly  
Administrator,  
EPA  
Washington, DC

Dear Mr. Reilly:

I strongly urge to reject Ethyl Corporation's Application  
for use of "HiTec 3000" in gasoline for the sake of our nation's  
children and their future!!!!!!

Sincerely,

  
T. L. Wagner

Block Island, Rhode Island

A-90-16

Oct. 19, 1990

Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460

Attn: Mr. William K Reilly, Administrator

Re: Ethyl Corp. "Hi Tec 3000"

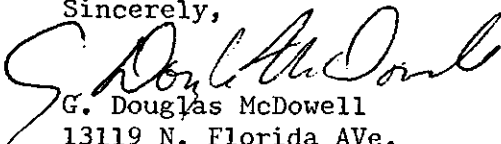
Dear Administrator:

I understand that the Ethyl Corporation is petitioning for the right to introduce a new gasoline additive called "Hi Tec 3000" which is the chemical methycyclopentadienyl manganese tricarbonyl (MMT). This proposal alarms me because manganese is toxic at higher doses and like lead may prove to be detrimental to the human population after a period of use.

Please reject this request by the Ethyl Corporation, as it presents us with health risks we cannot afford.

Thank you for you attention in this matter.

Sincerely,

  
G. Douglas McDowell  
13119 N. Florida Ave.  
Tampa, Florida 33612

(813) 935 6394

A-90-16

10/19/90

Sarah Clegg  
1101 Virginia St.  
Greensboro, NC 27401

William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly,

I am writing in support of banning the Ethyl Corporation's proposed new gas additive, methylcyclopentadienyl manganese tricarbonyl (MMT), also known as HiTec 3000.

Manganese has not had enough research done on it to risk putting it in our air, on our soils, and throughout our environment. The lack of research parallels that of lead in 1925 when it was added to gasoline. We simply do not know how it will affect us as a heavy metal— but its history is not a good one. High doses of manganese are known to ~~be~~ impair mental states. There is not enough research on the consequences of long term "low dose" (an unknown amount relatively) exposure.

As an administrator of EPA, please help us protect our future while we try to repair our present. Please ~~to~~ act on the individual letters you are receiving against MMT.

Sincerely,

*Sarah Clegg*  
Sarah Clegg

Administrator Wm. K. Reilly

21 Oct. 90  
A-90-16

Dear Sir,

I see that the Ethyl Corporation is asking the EPA for approval for the use of Hi-Tec 3000 in gasoline. Bearing in mind its relationship to Parkinson's disease because of the manganese and the Ethyl Corporation's behaviour in ignoring the problems with leaded gasoline, I hope you will find it possible to deny their request. We simply cannot make the same mistake twice in allowing a substance whose effects are unknown, to be blown out of millions of car exhausts on an unsuspecting public. We must be protected from a repeat.

Yours Sincerely

A. A. White

Anthony White  
277 West Patrick St.  
Frederick, MD 21701

A-90-16  
October 19, 1990

William K. Reilly, Administrator  
Environmental Protection Agency  
Washington, D. C.

Dear Sir:

We urge you to deny approval of the  
gasoline additive proposed by the Ethaf  
Corporation. The use of manganese, a toxic  
heavy metal, presents strong risks of  
environmental pollution through automobile  
emissions. The immediate impact and the  
long range build up of fallout from those  
emissions demands much more extensive  
study. It may well be that the manganese  
risk offsets any purported reductions in  
other emissions.

Yours Truly  
Joan Blumenkrantz  
James J. Blumenkrantz

J & J BLUMENKRANTZ  
7312 Woodrow Wilson Drive  
Los Angeles, Calif. 90046

A-90-16

Dennis E. Sweitzer  
Sharon B. Sweitzer  
43 S. Sixth St.  
Oxford, PA 19363  
October 19, 1990

William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly,

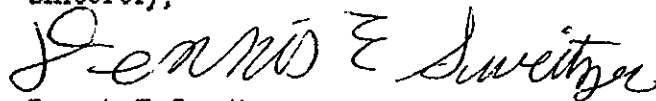
As a student of mathematics and statistics, a scientifically literate citizen and soon to be father, I urge you to reject Ethyl Corporations application to sell methycyclopentadienyl manganese tricarbonyl (MMT) as a gasoline additive.

Sixty five years ago our ancestors allowed the use of tetraethyl lead in gasoline on the grounds that lead was only toxic in certain high doses. For fifty years, data accumulated on the low dose toxicity of lead culminating in the prohibition of lead additives. Now you are faced with the choice of allowing manganese as a gasoline additive on the grounds that it is toxic only in high doses, without any evidence that it is not toxic in low dose.

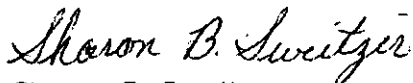
We do know that manganese, at high doses, is a human neurotoxin, with persistent and irreversible effects on the brain. We have evidence that manganese may selectively affect the fetus, the young and the aged. We have evidence that it can alter human DNA, with the resulting potential to cause cancer. We do not know at what level manganese is safe.

On the basis of their ignorance we may forgive our ancestors for poisoning their children with lead. You will not have that excuse if you allow our children to be poisoned by manganese, for in the lack of experimental data, you have the example of our ancestors.

Sincerely,



Dennis E. Sweitzer



Sharon B. Sweitzer

A-90-16

Dear W.K. Reilly

As an environmentalist and an active member of the Environmental Defense Fund, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000," a toxic manganese-based gasoline additive.

Sincerely,

*Michael A. Laff*

PO Box 4037

Dunellen NJ 07812

A-90-16

October 22, 1990

William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington DC 20460

Dear Mr. Reilly:

Please reject Ethyl Corporation's application for "Hi Tec 3000," a toxic manganese-based gasoline additive.

Have we not learned our lessons from the past? We simply must stop polluting our environment with heavy metals such as lead, manganese, etc. There is no need for us to keep poisoning ourselves!

Sincerely Yours,  
Elizabeth Cushman  
34025 Carl  
Livonia, Mi. 48152

A-90-16

149 Robin St.  
Indiana, PA 15701  
Oct. 22, 1990

Mr. William K. Reilly  
Administrator, EPA  
401 M Street, S.W.  
Washington, D.C. 20460

Dear Mr. Reilly:

I urge you not to let the Ethyl Corporation's "Hi Tec 3000" be approved for a gasoline additive. I am greatly concerned that the release of a heavy metal, in this case manganese, might be harmful, perhaps gravely harmful, to the human environment. In gasoline this release would occur in very large quantities.

I believe that no corporation should be allowed to use the entire U.S. population, or even any part of it, as test subjects in a very profitable experiment on chronic exposure to manganese, a heavy metal. I believe that manganese also qualifies for the title Toxic Heavy metal.

Thank you very much.

Sincerely,  
Daniel C. Shively

DANIEL C. SHIVELY  
149 ROBIN STREET  
INDIANA, PA 15701

A-90-16

1520 Bryn Mawr Ave.  
Racine, WI 53403

10/19/90

Administrator Wm K Reilly,  
EPA  
401 M St., SW  
Washington DC 20460

Dear Sir:

I strongly urge you to deny  
Ethyl Corporation's application  
for HiTec 3000, a toxic,  
manganese-based gasoline additive.  
Let's be clean!  
Thank you.

Sincerely,  
Mark M Giese  
MARK M GIESE

A-90-16

1249 Anthony Rd.  
Portsmouth, RI 02878  
October 23, 1990

Dear Mr. Reilly,

Please do not approve the gasoline additive "Hi-Tec 3000". I think enough is <sup>now</sup> known about how dangerous manganese may be to our health - yours, mine and our kids!

Also, I attended your Save The Bay address in Newport, months ago, and have meant to write to you ever since then. You are doing a great job, hang in there! Washington needs someone like you doing this very tough job and I hope George Bush appreciates you.

Thank you.

Sincerely, Anna Frank

A-90-16

JAN 22, 1990

William K. Kelly  
EPA

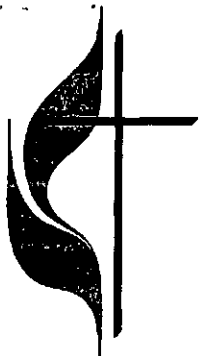
401 M. Street SW  
Washington DC 20460

I urge the EPA to deny Ethyl Corp's  
request for approval to add manganese  
to gasoline. We do not need more  
toxic heavy metal added to our  
environment.

Thank you.

Janette King  
4205 Colgate Way  
Irvine  
Ca 94550

A-90-16



*St. Mark's United Methodist Church*

901 Stormont Avenue  
PRINCETON, INDIANA 47670

REV. BARBARA PLANCK  
(812) 385-3592

Church (812) 385-5425

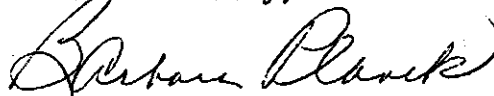
21 October 1990

Dear Mr. Reilly:

With the little that is known, with the lot that is unknown, and all the trouble we are going through with leaded gas, I am appalled that we are considering adding manganese to be released in unnatural amounts in our environment.

I am very much opposed to allowing the Ethyl Corporation to carry out their plans for use of "HiTec 3000" as a gasoline additive. I strongly urge you to deny their request.

Most sincerely,

  
Barbara Planck

A-90-16

October 21, 1990

The Honorable William K. Reilly, Administrator  
Environmental Protection Agency  
Washington, DC 20460

The history of this country's addiction to cars includes the battle for removal of most lead from gasoline. This was accomplished only after prolonged debate and litigation. We now have the challenge of cleaning up the residues of lead fallout from playgrounds, roadsides and backyards in America. Other countries face this same challenge.

We now have the same company which introduced lead as an additive touting methcyclopentadienyl manganese tricarbonyl (MMT) as an additive which can reduce tailpipe emissions. The Ethyl Company is using the same persuasive argument as with lead that "... the manganese releases to the environment will be insignificant and that manganese is only toxic at high doses in industrial settings".

I urge you to reject the application by the Ethyl Company to use MMT.

I urge you also to suspend all currently permitted use of manganese as a gasoline additive in the United States.

Further, as Administrator of the EPA, I believe it is urgent that you help toward the establishment of a comprehensive energy plan, and support of auto fuel efficiency legislation as the first step toward ending our oil addiction. Our problem is not imported oil, but our dependence on oil itself.

This country has been operating without any plan to conserve energy. It is time for all of us to bite the bullet.

*Laura A. Harders*

Laura A. Harders  
4505 152nd Lane SE, Bellevue, Wa 98006

cc] The White House  
Senators Adams and Gorton  
Rep. Rod Chandler

A-90-16

## BREVIS

357 B OBISPO AVENUE • LONG BEACH, CALIFORNIA 90814 • (213) 439-8603

21 October 1990

Administrator William K Reilly  
ENVIRONMENTAL PROTECTION AGENCY  
401 M Street SW  
Washington DC 20460

Re: HiTec 3000

Dear Administrator Reilly:

I am writing to urge that the EPA not approve Ethyl Corporation's proposed gasoline additive, HiTec 3000.

HiTec 3000 contains manganese, a toxic heavy metal. Added to gas, it would be released into our already polluted atmosphere in huge amounts. The EPA should deny Ethyl Corporation's application simply on the basis that the long-term health effects of manganese are unknown. Logic dictates that a substance known to produce symptoms of Parkinson's disease at high doses should not be introduced into the atmosphere at large.

Our air cannot sustain further insult. It bears as much poison as we can stand. Considering the danger manganese poses in and of itself, let alone in synergistic combination with all the other pollutants we belch into our atmosphere, the EPA should deny Ethyl Corporation's application for HiTec 3000.

Very truly yours,



Joan Hemphill

A-90-16

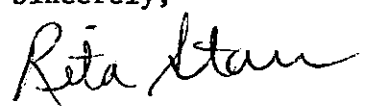
1810 Michigan Avenue  
Miami Beach, Fl. 33139

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460

Dear Administrator Reilly,

As an environmentalist and an active member of the Environmental Defense Fund, I strongly urge you to deny Ethyl Corporation's application for "HiTec 2000", a toxic manganese-based gasoline additive.

Sincerely,



Rita Starr

A-90-16

October 23, 1990

1716 N. Danville Street  
Arlington, VA 22201

Mr. William K. Reilly  
Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly:

I recently became aware of an initiative by the Ethyl Corporation to obtain EPA's approval of HiTec 3000, a gasoline additive. Ethyl is waging a massive ad campaign touting the substance's safety and environmental benefits.

In reality, HiTec 3000 contains manganese, a toxic heavy metal known to produce symptoms of Parkinson's disease at high doses. Adding HiTec 3000 to gasoline will release into the environment large amounts of manganese, whose long-term effects on human health are unknown.

Ethyl Corp. is the same company which championed the use of leaded gas beginning in the 1920's. Let's not repeat history. Please do not allow EPA to approve this dangerous substance for use.

Thank you for your consideration.

Very truly yours,

  
Teresa Friedlander

File - ENV-11

A-90-16

6276 Cobey Lane  
Mariposa, CA. 95338  
20 October 1990

William K. Reilly - Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460

Dear Mr. Reilly,

I urge you to deny the application of the Ethyl Corporation to introduce a Manganese based gasoline additive. At this time, it is known that Manganese, in high doses, produces symptoms of Parkinson's disease. The effects of long term, low dose exposure are not known at present. However, the use of high dosages over a short period are usually considered to be indicative of the results to be expected from long term, low dose exposures. In the absence of convincing data on long term exposures, it is better to err on the side of caution. The history of long term exposure to lead, as a gasoline additive, provides a cautionary example.

Sincerely,

Richard W. Kunstman  
Richard W. Kunstman

A-90-16

October 21, 1990

William K. Reilly  
Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Dear Mr. Reilly,

I am writing to you today to express my outrage over the EPA's decision to even consider the possibility of introducing another heavy metal into our environment as a gasoline additive. I am speaking of the Ethyl Corporation of America's attempt to gain approval of "HiTec 3000" or MMT. As you know, this additive contains manganese, which at high doses is a demonstrated human neurotoxin with persistent and irreversible pathological effects on brain structure. The results are severe impairments in movement and mental states in humans.

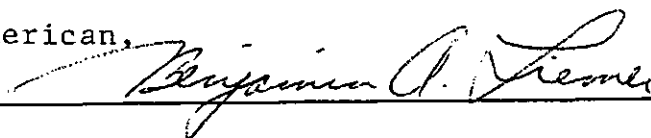
Mr. Reilly, we do not know what the long-term chronic, low-dose effects of human exposure to manganese are. We do not know what a "safe" level of manganese exposure is, particularly for children, pregnant women and the elderly.

The American public cannot afford to play Russian roulette with its health once again. Have we learned nothing from our disastrous experience with lead (another heavy metal) additives to gasoline, also introduced by the Ethyl Corporation? Ethyl knew of the hazardous potential of lead back in 1925, when 40 of its workers at its very first plant were struck with lead poisoning. Five men died from it. But Ethyl ignored this warning, proceeded with production and millions of tons of lead-lead exhaust were pumped into the environment.

A repeat of this catastrophe is unacceptable. There's no reason to open our environment to another health hazard. Do you want your children and grandchildren ingesting lead (and manganese) from dust and dirt in yards and playgrounds across America (while they are innocently having a good time)? You know where this lead came from--from the exhaust pipes of cars burning leaded gas over the past 65 years.

For our children's future, our future and in the name of common good sense, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000." Do not allow any manganese additives into our gas supply.

A loyal American,



A-90-16

OCTOBER 21, 1990.

WILLIAM K. REILLY, ADMINISTRATOR  
ENVIRONMENTAL PROTECTION AGENCY  
401 M STREET, SW  
WASHINGTON, DC 20460

DEAR MR. REILLY:

I AM RESPONDING TO PUBLISH REPORTS THAT ETHYL CORP.  
IS APPLYING TO USE A MANGANESE-BASED (TOXIC HEAVY  
METAL) COMPOUND AS A GASOLINE ADDITIVE.

WE CAN NOT ALLOW ETHYL CORPORATION PUT ANOTHER  
HIGHLY TOXIC SUBSTANCE IN OUR VERY FRAGILE ENVIRONMENT.  
AND THIS IS CLEARLY AN OPPORTUNITY FOR A NEW HEALTH HAZARD,  
ONE WE SHOULD NOT TOLERATE.

I WRITE TO YOU AS A CONCERNED PERSON, WHO OWNS AN  
AUTOMOBILE AND LIVES IN AN URBAN CITY. I'VE TAKEN  
THE TIME TO EXPRESS MY CONCERN. I ALSO SUPPORT THE  
PUBLIC AWARENESS EFFORT OF THE ENVIRONMENTAL DEFENSE FUND.

SINCERELY,

Ellen Friedman.

C.C. ENVIRONMENTAL DEFENSE FUND.

ELLEN FRIEDMAN, ARCHITECT - 55 PERRY ST., NEW YORK NY 10014.

A-90-16

RACHEL MARTA GREENBERG  
1350 Commonwealth Avenue  
Allston, MA 02134

October 19, 1990

William K. Reilly  
Administrator  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, DC 20460

Re: Gasoline Additive HiTec 3000

Dear Mr. Reilly:

I was very concerned when I read yesterday that the Ethyl Corporation of America is asking the EPA to approve a gasoline additive called HiTec 3000. This additive contains a toxic heavy metal - manganese. This is not a safe additive and should not be added to our gasoline.

Our world is at an environmental crossroads. Either we continue as we have and ultimately self-destruct, or we carefully evaluate each new technological breakthrough for its long-term effects before we put a product on the market for large scale use.

Please do not approve HiTec 3000. The risks are too great for human health and environmental damage. The new auto fuels should be cleaner, and more efficient in burning. This is not one of them.

Sincerely,

*Rachel Marta Greenberg*

rmg

A-90-16

Pleasant Hill Tn.  
P.O. Box 149, 38578

Oct.22, 1990

Administrator William K. Reilly  
Environmental Protection Agency  
Washington D.C.

Dear Mr. Reilly:

I write to you as a retired physician to express my concern on the proposal by the Ethyl Corporation to approve use of "HiTec 3000" as a gasoline additive.

HiTec 3000 contains manganese which is a heavy metal which if released into the environment may produce effects on human health. The effects of such material is not known. We only have to look back on the problems we had with lead poisoning especially with children. As a physician who dealt with those problems I believe this manganese product should not be used until proven safe!

Respectfully,



Frederick W. Munson M.D.

A-90-16

Mr. William K. Reilly  
EPA Administrator  
Washington, D.C.

20460

10/20/90

Dear Mr. Reilly:

I have recently been made aware that the Ethyl Corporation is seeking to introduce a new gasoline, "HiDec 3000", into the U.S. consumer market. From what I know, the chemical additives that comprise this fuel (MMT) have not been fully tested for their carcinogenic dangers.

While there is evidence that MMT is harmful to humans, I believe that wide-spread usage of this fuel should NOT be allowed until testing is complete.

Therefore, please reject Ethyl Corporation's application to use MMT in their "environmentally safe" gasoline. The U.S. public deserves the respect.

Thank you for your support on this ban.

Sincerely,

John Dannenbaum  
P.O. Box 123  
Brookside, N.J. 07926

A-90-16

Dr. Mha Atma Singh Khalsa  
1536 Crest Drive  
Los Angeles, CA 90035

William Reilly, Administrator  
Environmental Protection Agency  
401 M Street SW  
Washington, D.C. 20460

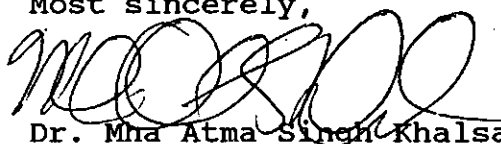
Dear Mr. Reilly,

Ethyl Corporation's application to the EPA for approval of "HiTec 3000" should be denied. This new gasoline additive, touted by Ethyl as "environmentally safe," contains manganese, a toxic heavy metal known to produce symptoms of Parkinson's disease at high doses. Adding "HiTec 3000" to gasoline will release into the environment large amounts of manganese, whose long-term effects on human health are unknown.

Ethyl Corporation's last experimental exposure of the entire population of our nation to a toxic heavy metal began in 1925, when they were the first to champion the use of lead additives in gasoline. Leaded gas has, in the last 65 years, been a major contributing cause of chronic lead poisoning in millions of children around the world.

Ethyl must not be allowed to conduct another such experiment as they reap great profits in the name of helping the environment! I strongly urge that you deny Ethyl Corporation's application for "HiTec 3000."

Most sincerely,



Dr. Mha Atma Singh Khalsa

A-90-16

Ms. Terry Maderak  
4542 S. Spaulding  
Chicago, IL 60632

October 19, 1990

William K. Reilly  
Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Reilly:

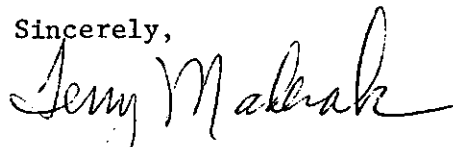
As an environmentalist and an active member of the Environmental Defense Fund, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000", a toxic manganese-based gasoline additive.

The Ethyl Corporation CANNOT put another toxic heavy metal additive in our gasoline! There is NO reason to open our environment to a new health hazard. We CANNOT tolerate future unknown clean-up costs when this problem is altogether PREVENTABLE TODAY.

Ethyl Corporation managed to fool the public once...and the resulting damage to the environment and public health, much of it irreparable, is done. All we can say now is "Shame on them".

BUT IF WE LET THEM DO IT AGAIN, SHAME ON US!!!

Sincerely,



Ms. Terry Maderak

A-90-16

October 21, 1990

Mr. William K. Reilly, Administrator  
Environmental Protection Agency  
401 'M' Street, S.W.  
Washington, D.C. 20460

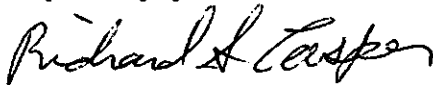
RE: Ethyl Corporation's HiTec 3000

Dear Mr. Reilly:

I am writing you to inform you that I do not want a repeat of the 1925 scandal, where the Ethyl Corporation introduced lead based additives for gasoline, poisoning millions of innocent children around the globe. The Ethyl Corporation, again, has plans to use the American public as guinea pigs for their new chemical gasoline additive, "HiTec 3000". This chemical additive contains the toxic heavy metal, maganese, which is known to cause symptoms of Parkinson's Disease at high doses. Who knows what the long-term effects may be on humans. I hope that you will not permit this potential catastrophe.

I thank you for your anticipated immediate attention to this matter.

Hopefully yours,



Richard S. Casper  
Environmental Engineer

hitec3



A-90-16

Oct. 18, 1990

Dear Administrator Reilly,

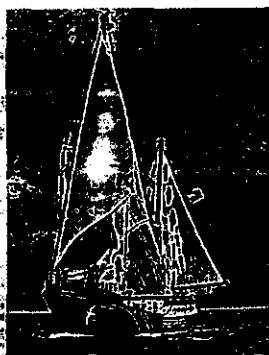
As an environmentalist and an active member of the Environmental Defense Fund, I strongly urge you to deny Ethyl Corporation's application for "Hi Tec 3000", a toxic manganese-based gasoline additive.

Sincerely,

Kathleen Rahmoun

A concerned citizen

P.S. Please see the enclosed article about gasoline additive ~~methy~~-cyclopentadienyl manganese tricarbonyl (MMT)? Please deny production of it? Or addition of it to gasoline?



GREENPEACE

10-10-33

10-10-33

10-10-33

10-10-33

RECEIVED  
CORR. CONTROL  
37039  
OCT 23 47.33

# A New Idea from the Folks Who Gave Us Leaded Gas

By EDF toxicologist Dr. Ellen K. Silbergeld, who was the only environmentalist to appear before the Environmental Protection Agency (EPA) to urge rejection of an application to use a manganese-based compound as a gasoline additive.

In 1925, the Ethyl Corporation introduced its new gasoline additive, tetraethyl lead, as "a gift of God." It took us over 50 years to realize how diabolical this "gift" proved to be. The hard-won

removal of most lead from gasoline represents one of EPA's most significant public health achievements. I am proud to have participated with EDF in that victory.



ELLEN K. SILBERGELD

Now, in 1990, Ethyl comes bearing yet another gift, methycyclopentadienyl manganese tricarbonyl (MMT), and asks EPA to approve it as an octane-enhancing gasoline additive. To this offering, EPA must just say "No."

Lead poisoning is an epidemic in the U.S. Even after considerable reductions

*Amazingly, in light of the history of leaded gasoline, Ethyl finds it unnecessary to do anything more in 1990 than it did in 1925.*

have been imposed on the use of lead in gasoline—only after prolonged debate and litigation, it should be noted—we are just now confronting the extraordinarily difficult challenge of cleaning up the residues of lead fallout from playgrounds, roadsides, and backyards in America.

The parallels between Ethyl's 1990 proposal to use manganese and its 1925 lead proposal are chilling. The exclusive justification for each additive is its purported effect on emissions of hydrocarbons and nitrous oxides from cars. No data were or are given on the potential cumulative health effects of massive inputs of a toxic metal into the environment, its deposition on surface dusts and soils, or its long-term fate and pathways of exposure to humans.

In 1925, Ethyl argued that the amounts of lead to be added to gasoline were negligible and that lead was only toxic at the high doses encountered in certain industrial settings. In 1990, it argues that



*With ever-increasing numbers of cars on the road, manganese added to gasoline would—like lead—accumulate in the environment with potentially tragic results, particularly in urban areas.*

the manganese releases to the environment will be insignificant and that manganese is only toxic at high doses in industrial settings.

In both cases, the critical national importance of accepting Ethyl's additive is argued. In a well-funded ad campaign claiming that MMT can reduce tailpipe emissions, Ethyl is seeking to exploit public concern over pollutants in global and local air. The purported reductions, if any, are very small and are overwhelmed by the health costs of exposure to manganese.

Amazingly, in light of the history of leaded gasoline, Ethyl finds it unnecessary to do anything more in 1990 than it did in 1925. Ignoring contrary evidence, it selectively cites bits of data to support its contention that the use of MMT will not increase airborne manganese concentrations over cities, and provides no data on the impacts of manganese additives on manganese levels in other parts of the environment. It presents no in-depth review of the health effects of manganese, nor—more important—any discussion of critical gaps in the data about manganese toxicity that must be filled before a decision that could release many thousands of tons of manganese to the environment can be approved.

The data on manganese are relatively sparse compared to lead—we have not yet conducted a massive human experi-

ment with manganese. But both what we know and what we do not know about the likely toxic effects of adding large amounts of manganese to the environment must persuade EPA to reject this application.

We know that manganese at high dose is a demonstrated human neurotoxin, with persistent and irreversible pathological effects on brain structure and resulting severe impairments in movement and mental state. We have indications that manganese may also selectively affect the fetus, the young, and the aged.

We do not know what the long-term chronic, low-dose effects of human exposure to manganese are. We do not know what a "safe" level of manganese exposure is, particularly for the young or the aged who may be at increased risk. We do not know if manganese is carcinogenic, although there is evidence that it can break DNA, which may indicate cancer-causing potential.

But from our tragic experience with lead, we know a great deal about the likely cumulative effects of such a use upon human exposure. We know that the gradual contamination of the environment by manganese will not be readily reversed. We know that manganese will

*Society cannot afford to repeat the public health catastrophe associated with the use of lead in gasoline.*

accumulate in many places—particularly in urban dusts and soils—that are subject to intensive human interaction and that will be sources of direct human exposure to manganese.

We rarely have an opportunity to apply the clear lessons of 50 years of very similar experience. To disregard these lessons by approving the widespread and inevitably dispersive use of manganese would be to invite repetition of the public health catastrophe associated with the use of lead as a gasoline additive since 1925. Society cannot afford such a repetition. EDF is urging EPA to reject this new application and immediately suspend all currently permitted use of manganese as a gasoline additive in the United States.

## EDF MEMBER ACTION ALERT

Concerned members can help by writing to EPA Administrator William K. Reilly (Washington, DC 20460) urging him to reject Ethyl's application to use MMT.

From:

~~To EDF Member:~~ Ms. Kathleen Rahmoun  
1334 W Columbia Ave  
CHICAGO IL 60626-4326

Membership No: 04651069  
ABFN4A

Dear Ms. Rahmoun:

I am inviting you -- as one of a select group of EDF's most active members -- to sign our "Open Letter to the EPA" . . . urging that EPA deny the Ethyl Corporation's application for "HiTec 3000," a toxic manganese-based gasoline additive.

I need to receive your answer by October 29 to meet the advertising deadline. Please respond immediately.

*Fred Hugg*

- ☐ YES, Fred, I accept your invitation to sign on to EDF's Open Letter advertisement protesting Ethyl Corporation's "HiTec 3000" proposal, which would release large quantities of manganese into the environment.

I am enclosing the following tax-deductible gift to support the cost of the ad as well as EDF's scientific work on this critical manganese campaign and other efforts to protect the environment:

☐ \$100      ☐ \$50      \* ☐ \$35      ☐ \$20

\*A gift at this level or higher will move your name to a more prominent position in the ad under the banner "Member Leadership Committee on Manganese."

Your name will appear as follows: Ms. Kathleen Rahmoun  
(make any corrections needed)

The ad will include the Open Letter (below), the names of all participating members, and added technical information on the issue -- see the other side of this page for an advance EDF LETTER column on Ethyl Corporation's proposal.

(This advertisement paid for by the undersigned members of the Environmental Defense Fund)

OPEN LETTER TO WILLIAM K. REILLY  
ADMINISTRATOR, UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Dear Administrator Reilly,

As an environmentalist and an active member of the Environmental Defense Fund, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000," a toxic manganese-based gasoline additive.

Sincerely,

The Undersigned Members of the  
Environmental Defense Fund

- ☐ I would prefer not to sign on to this advertisement but I would like to make the following tax-deductible gift in support of EDF's efforts:

\$ \_\_\_\_\_

A-90-16

October 19, 1990

Mr. William K. Reilly, Administrator  
Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Sir:

Rather than write you a long letter, I hope you will take a moment to read the enclosed article concerning Ethyl Corporation's gas additive product, MMT (or Hi-Tec 3000).

In my opinion, Ethyl's public relations campaign to dupe the public and policymakers about this product is criminal.

Please, when you consider this issue, place the health of Americans and the integrity of our environment above corporate profits.

I urge you to deny Ethyl's application for the Hi-Tec 3000 additive.

Sincerely,



Bruce Thomas  
5 Banyan Ct.  
St. Peters, MO 63376

# A New Idea from the Folks Who Gave Us Leaded Gas

*By EDF toxicologist Dr. Ellen K. Silbergeld, who was the only environmentalist to appear before the Environmental Protection Agency (EPA) to urge rejection of an application to use a manganese-based compound as a gasoline additive.*

In 1925, the Ethyl Corporation introduced its new gasoline additive, tetraethyl lead, as "a gift of God." It took us over 50 years to realize how diabolical this "gift" proved to be. The hard-won



ELLEN K. SILBERGELD

removal of most lead from gasoline represents one of EPA's most significant public health achievements. I am proud to have participated with EDF in that victory.

Now, in 1990, Ethyl comes bearing yet another gift, methycyclopentadienyl manganese tricarbonyl (MMT), and asks EPA to approve it as an octane-enhancing gasoline additive. To this offering, EPA must just say "No."

Lead poisoning is an epidemic in the U.S. Even after considerable reductions

***Amazingly, in light of the history of leaded gasoline, Ethyl finds it unnecessary to do anything more in 1990 than it did in 1925.***

have been imposed on the use of lead in gasoline—only after prolonged debate and litigation, it should be noted—we are just now confronting the extraordinarily difficult challenge of cleaning up the residues of lead fallout from playgrounds, roadsides, and backyards in America.

The parallels between Ethyl's 1990 proposal to use manganese and its 1925 lead proposal are chilling. The exclusive justification for each additive is its purported effect on emissions of hydrocarbons and nitrous oxides from cars. No data were or are given on the potential cumulative health effects of massive inputs of a toxic metal into the environment, its deposition on surface dusts and soils, or its long-term fate and pathways of exposure to humans.

In 1925, Ethyl argued that the amounts of lead to be added to gasoline were negligible and that lead was only toxic at the high doses encountered in certain industrial settings. In 1990, it argues that



*With ever-increasing numbers of cars on the road, manganese added to gasoline would—like lead—accumulate in the environment with potentially tragic results, particularly in urban areas.*

the manganese releases to the environment will be insignificant and that manganese is only toxic at high doses in industrial settings.

In both cases, the critical national importance of accepting Ethyl's additive is argued. In a well-funded ad campaign claiming that MMT can reduce tailpipe emissions, Ethyl is seeking to exploit public concern over pollutants in global and local air. The purported reductions, if any, are very small and are overwhelmed by the health costs of exposure to manganese.

Amazingly, in light of the history of leaded gasoline, Ethyl finds it unnecessary to do anything more in 1990 than it did in 1925. Ignoring contrary evidence, it selectively cites bits of data to support its contention that the use of MMT will not increase airborne manganese concentrations over cities, and provides no data on the impacts of manganese additives on manganese levels in other parts of the environment. It presents no in-depth review of the health effects of manganese, nor—more important—any discussion of critical gaps in the data about manganese toxicity that must be filled before a decision that could release many thousands of tons of manganese to the environment can be approved.

The data on manganese are relatively sparse compared to lead—we have not yet conducted a massive human experi-

ment with manganese. But *both what we know and what we do not know* about the likely toxic effects of adding large amounts of manganese to the environment must persuade EPA to reject this application.

We know that manganese at high dose is a demonstrated human neurotoxin, with persistent and irreversible pathological effects on brain structure and resulting severe impairments in movement and mental state. We have indications that manganese may also selectively affect the fetus, the young, and the aged.

We do *not* know what the long-term chronic, low-dose effects of human exposure to manganese are. We do *not* know what a "safe" level of manganese exposure is, particularly for the young or the aged who may be at increased risk. We do *not* know if manganese is carcinogenic, although there is evidence that it can break DNA, which may indicate cancer-causing potential.

But from our tragic experience with lead, we know a great deal about the likely cumulative effects of such a use upon human exposure. We know that the gradual contamination of the environment by manganese will not be readily reversed. We know that manganese will

***Society cannot afford to repeat the public health catastrophe associated with the use of lead in gasoline.***

accumulate in many places—particularly in urban dusts and soils—that are subject to intensive human interaction and that will be sources of direct human exposure to manganese.

We rarely have an opportunity to apply the clear lessons of 50 years of very similar experience. To disregard these lessons by approving the widespread and inevitably dispersive use of manganese would be to invite repetition of the public health catastrophe associated with the use of lead as a gasoline additive since 1925. Society cannot afford such a repetition. EDF is urging EPA to reject this new application and immediately suspend all currently permitted use of manganese as a gasoline additive in the United States.

## EDF MEMBER ACTION ALERT

*Concerned members can help by writing to EPA Administrator William K. Reilly (Washington, DC 20460) urging him to reject Ethyl's application to use MMT.*

A-90-16

Christine E. Krause  
355 South Marengo, #307  
Pasadena, California 91101

October 21, 1990.

Mr. William K. Reilly  
EPA Administrator  
Washington, DC 20460

Dear Administrator Reilly,

As an environmentalist and active member of the Environmental Defense Fund, I strongly urge you to deny Ethyl Corporation's application for "HiTec 3000," a toxic manganese-based gasoline additive.

Sincerely,

Chit K. Phan

A-90-16

October 19, 1990

68 Brookside Avenue, Newtonville, Massachusetts 02160

William K. Reilly  
EPA  
Washington, DC 20460

Dear Mr. Reilly,

I am writing to urge you to reject the Ethyl Corporation's application to use MMT (containing manganese) in its gasoline. There is no reason to introduce another heavy metal into the combustion by-products of gasoline. We've succeeded in removing lead from most gasoline and now must concentrate on cleaning up and regulating the rest of the airborne pollutants -- not introducing more.

I trust you will decide in favor of the health and safety of the American people, wildlife and plants and reject Ethyl's application.

I am looking forward to hearing your reply.

Sincerely,  
Allison Conant.

A-90-16

ADDISON M. PARKER  
1600 HUB TOWER  
699 WALNUT STREET  
DES MOINES, IOWA 50309

October 19, 1990

Mr. William K. Reilly  
Administrator  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D. C. 20460

Re: Manganese Additive to Gasoline

Dear Mr. Reilly:

Ethyl Corporation, I understand, seeks EPA's permission to add MMT, a manganese derivative, to gasoline as an asserted anti-pollutant. In fact, the anti-pollutant effect of MMT on tailpipe emissions is negligible. On the other hand, manganese is a neurotoxin, at least at high doses, particularly may affect the elderly, the very young and the fetus, and may severely impair mind and movement.

Although lead was a known poison, long-time exposures to tetraethyl lead in very small quantities were, doubtless, thought harmless. We have virtually stopped those exposures because experience taught the contrary.

Just as was the case with tetraethyl lead when introduced, we now have no knowledge of the long-time effects of exposure to small amounts of the manganese compound. For that very reason, we should apply the lesson learned with tetraethyl lead and not permit the risk to the public from a derivative of a heavy metal known to be dangerous.

Very truly yours,

  
Addison M. Parker

AMP:caa

A-40-16

OCT. 23, 1990

DEAR SIR:

THIS NOTE IS AN APPEAL TO YOU TO DENY THE ETHYL CORPORATION'S REQUEST FOR APPROVAL OF THE GASOLINE ADDITIVE "HI-TEC 3000". THE IDEA OF REPLACING ONE TOXIC ATMOSPHERIC POLLUTANT (LEAD) WITH ANOTHER TOXIC POLLUTANT (MANGANESE) MAKES NO SENSE TO ME. I WOULD HOPE THE DEP WOULD GIVE SERIOUS THOUGHT TO THE POSSIBLE LONG TERM CONSEQUENCES OF APPROVING THE USE OF "HI-TEC 3000".

VERY TRULY YOURS,

Richard D. Barry

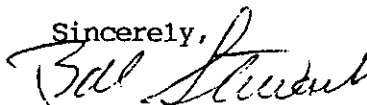
A-90-16

October 19, 1990

Dear Mr. Reilly:

Am writing to urge you to avoid falling into a trap of approving the additive "HiTee 3000" into our fuel supplies. After the additive of lead in 1925 our environment deteriorated rapidly. This new ' ploy will be even worse if approved. You know better than I of the hazards. We must not prejudice the health of present and future generations by further deterioration of our environment. Please do everything in your power to stop this new encroachment on our health and environment. Thank you

Sincerely,



Bill Stewart  
R.R.1 Box 328  
Maquoketa, IA 52060

A-90-16

N. G. Cole  
Rt. 86 Unit 17 Box 8  
Monticello, Kentucky 42633

Administrator William K. Reilly  
Environmental Protection Agency  
401 M Street, SW;  
Washington, DC 20460

Dear Mr. Reilly -  
With our present dirty air & all  
the related problems in getting it cleaned  
up, I can't believe the EPA would  
consider another additive in  
gasoline and this one a toxic heavy  
metal.

I protest

Sincerely  
Norma Cole